

SEQUENCE LISTING

5 <110> Medizinische Hochschule Hannover

10 <120> Adapter for coupling a substance to be coupled to a cell surface

15 <130> MA 7394-01DE

20 <160> 11

25 <170> PatentIn version 3.1

30 <210> 1

 <211> 33

 <212> DNA

 <213> Artificial Sequence

35 <220>

 <223> human coxsackie Adenovirus Receptor (hCAR) 5'-Primer

40 <220>

 <221> misc_recomb

 <222> (3) .. (8)

45 <223> KpnI restriction site

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 <221> misc_feature

<222> (9)..(11)

<223> translation start codon of hCAR

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gtggtaccat ggcgctcctg ctgtgcttcg tgc 33

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<210> 2

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<212> DNA

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<223> human coxsackie Adenovirus Receptor (hCAR) 3'-Primer

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<221> misc_recomb

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<222> (3)..(10)

<223> NotI restriction site

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<222> (11)..(42)

<223> complementary bases, corresponding to bases 776 to 807 of hCAR (a
ccession no. NM 001338)

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<210> 3

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<223> 5'-PCR primer for HIV tat basic region

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15 <221> misc_feature

<222> (36)..(65)

20 <223> "sense" oligonucleotide, corresponding to bases nos. 5518-5547 of
the HIV genome (accession no. NC 001802)

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<222> (68)..(73)

40 <223> XbaI restriction site

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<211> 10

<212> PRT

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<223> basic region of HIV tat protein

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15 Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

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<223> 3'-PCR primer for HIV tat basic region

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35 <221> misc_feature

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40 <223> complementary to pCAR(ex)TAT48-57 5'

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ctccgcggcc gcttt 75

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10 <223> 5'-PCR primer for 9 Arg peptide

<220>

15 <221> misc_recomb

<222> (4)..(11)

<223> NotI restriction site

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25 <221> misc_recomb

<222> (65)..(70)

<223> XbaI restriction site

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<220>

35 <221> CDS

<222> (36)..(62)

<223> oding for 9 Arg ("RRRRRRRRR")

40

<400> 6

45 aaagcggccg cggaggagga agtggaggag gagga cgt cgc cga cgg aga agg 53

Arg Arg Arg Arg Arg Arg

1 5

aga cgt aga ggtctagaaa 72

Arg Arg Arg

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<210> 7
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5 <212> PRT
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15 <400> 7
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1 5
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40 <222> (1)..(72)
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<223> 5'-PCR primer for antennapedia homoeobox-protein fragment

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<222> (73)..(78)

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<222> (23)..(70)

40 <223> partial coding sequence of Euprymna scolopes antennapedia homoeodo
main protein (accession no.: AY052758), coding for amino acids 62
-77

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<400> 9

aagcggccgc ggaggaggag gaagacagat caaaatatgg ttccaaaacc ggcgcataaa 60

50 atggaagaaa ggtctagaaa 80

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5 <212> PRT

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<220>

<223> antennapedia homoeobox protein fragment from Euprymna scolopes

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Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys

1 5 10 15

20

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40 <222> (1)..(80)

<223> complementary to pCAR(ex)-AntP62-77 5'

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ctctctctcc gcggccgctt 80